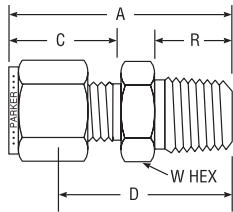
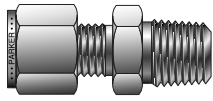


NPT Male Connector

For fractional tube



| CPI™ PART NO. | A-LOK® PART NO. | INTER- CHANGES WITH | INCHES | | | | | | |
|------------------|--------------------|---------------------------|--------------|--------------------|------|------|------|------|----------|
| | | | TUBE O.D. | NPT PIPE THREAD | A | C | D | R | W HEX |
| 1-1 FBZ | 1MSC1N | 100-1-1 | 1/16 | 1/16 | .93 | .43 | .78 | .38 | 5/16 |
| 1-2 FBZ | 1MSC2N | 100-1-2 | 1/16 | 1/8 | 1.03 | .43 | .88 | .38 | 7/16 |
| 1-4 FBZ | 1MSC4N | 100-1-4 | 1/16 | 1/4 | 1.23 | .43 | 1.08 | .56 | 9/16 |
| 2-1 FBZ | 2MSC1N | 200-1-1 | 1/8 | 1/16 | 1.17 | .60 | .91 | .38 | 3/8 |
| 2-2 FBZ | 2MSC2N | 200-1-2 | 1/8 | 1/8 | 1.20 | .60 | .94 | .38 | 7/16 |
| 2-4 FBZ | 2MSC4N | 200-1-4 | 1/8 | 1/4 | 1.40 | .60 | 1.14 | .56 | 9/16 |
| 2-6 FBZ | 2MSC6N | 200-1-6 | 1/8 | 3/8 | 1.42 | .60 | 1.16 | .56 | 11/16 |
| 2-8 FBZ | 2MSC8N | 200-1-8 | 1/8 | 1/2 | 1.67 | .60 | 1.41 | .75 | 7/8 |
| 3-1 FBZ | 3MSC1N | 300-1-1 | 3/16 | 1/16 | 1.23 | .64 | .97 | .38 | 7/16 |
| 3-2 FBZ | 3MSC2N | 300-1-2 | 3/16 | 1/8 | 1.23 | .64 | .97 | .38 | 7/16 |
| 3-4 FBZ | 3MSC4N | 300-1-4 | 3/16 | 1/4 | 1.43 | .64 | 1.17 | .56 | 9/16 |
| 4-1 FBZ | 4MSC1N | 400-1-1 | 1/4 | 1/16 | 1.29 | .70 | 1.00 | .38 | 1/2 |
| 4-2 FBZ | 4MSC2N | 400-1-2 | 1/4 | 1/8 | 1.29 | .70 | 1.00 | .38 | 1/2 |
| 4-4 FBZ | 4MSC4N | 400-1-4 | 1/4 | 1/4 | 1.49 | .70 | 1.20 | .56 | 9/16 |
| 4-6 FBZ | 4MSC6N | 400-1-6 | 1/4 | 3/8 | 1.51 | .70 | 1.22 | .56 | 11/16 |
| 4-8 FBZ | 4MSC8N | 400-1-8 | 1/4 | 1/2 | 1.76 | .70 | 1.47 | .75 | 7/8 |
| 4-12 FBZ | 4MSC12N | 400-1-12 | 1/4 | 3/4 | 1.82 | .70 | 1.53 | .75 | 1-1/16 |
| 5-2 FBZ | 5MSC2N | 500-1-2 | 5/16 | 1/8 | 1.34 | .73 | 1.05 | .38 | 9/16 |
| 5-4 FBZ | 5MSC4N | 500-1-4 | 5/16 | 1/4 | 1.52 | .73 | 1.23 | .56 | 9/16 |
| 5-6 FBZ | 5MSC6N | 500-1-6 | 5/16 | 3/8 | 1.55 | .73 | 1.25 | .56 | 11/16 |
| 5-8 FBZ | 5MSC8N | 500-1-8 | 5/16 | 1/2 | 1.79 | .73 | 1.5 | .75 | 7/8 |
| 6-2 FBZ | 6MSC2N | 600-1-2 | 3/8 | 1/8 | 1.38 | .76 | 1.09 | .38 | 5/8 |
| 6-4 FBZ | 6MSC4N | 600-1-4 | 3/8 | 1/4 | 1.57 | .76 | 1.28 | .56 | 5/8 |
| 6-6 FBZ | 6MSC6N | 600-1-6 | 3/8 | 3/8 | 1.57 | .76 | 1.28 | .56 | 11/16 |
| 6-8 FBZ | 6MSC8N | 600-1-8 | 3/8 | 1/2 | 1.82 | .76 | 1.53 | .75 | 7/8 |
| 6-12 FBZ | 6MSC12N | 600-1-12 | 3/8 | 3/4 | 1.88 | .76 | 1.59 | .75 | 1-1/16 |
| 8-2 FBZ | 8MSC2N | 810-1-2 | 1/2 | 1/8 | 1.53 | .87 | 1.13 | .38 | 13/16 |
| 8-4 FBZ | 8MSC4N | 810-1-4 | 1/2 | 1/4 | 1.71 | .87 | 1.31 | .56 | 13/16 |
| 8-6 FBZ | 8MSC6N | 810-1-6 | 1/2 | 3/8 | 1.71 | .87 | 1.31 | .56 | 13/16 |
| 8-8 FBZ | 8MSC8N | 810-1-8 | 1/2 | 1/2 | 1.93 | .87 | 1.53 | .75 | 7/8 |
| 8-12 FBZ | 8MSC12N | 810-1-12 | 1/2 | 3/4 | 1.99 | .87 | 1.59 | .75 | 1-1/16 |
| 8-16 FBZ | 8MSC16N | 810-1-16 | 1/2 | 1 | 2.28 | .87 | 1.88 | .94 | 1-3/8 |
| 10-6 FBZ | 10MSC6N | 1010-1-6 | 5/8 | 3/8 | 1.74 | .87 | 1.34 | .56 | 15/16 |
| 10-8 FBZ | 10MSC8N | 1010-1-8 | 5/8 | 1/2 | 1.93 | .87 | 1.53 | .75 | 15/16 |
| 10-12 FBZ | 10MSC12N | 1010-1-12 | 5/8 | 3/4 | 1.99 | .87 | 1.59 | .75 | 1-1/16 |
| 12-8 FBZ | 12MSC8N | 1210-1-8 | 3/4 | 1/2 | 1.99 | .87 | 1.59 | .75 | 1-1/16 |
| 12-12 FBZ | 12MSC12N | 1210-1-12 | 3/4 | 3/4 | 1.99 | .87 | 1.59 | .75 | 1-1/16 |
| 12-16 FBZ | 12MSC16N | 1210-1-16 | 3/4 | 1 | 2.28 | .87 | 1.88 | .94 | 1-3/8 |
| 14-12 FBZ | 14MSC12N | 1410-1-12 | 7/8 | 3/4 | 1.99 | .87 | 1.59 | .75 | 1-3/16 |
| 14-16 FBZ | 14MSC16N | 1410-1-16 | 7/8 | 1 | 2.28 | .87 | 1.88 | .94 | 1-3/8 |
| 16-8 FBZ | 16MSC8N | 1610-1-8 | 1 | 1/2 | 2.27 | 1.05 | 1.78 | .75 | 1-3/8 |
| 16-12 FBZ | 16MSC12N | 1610-1-12 | 1 | 3/4 | 2.27 | 1.05 | 1.78 | .75 | 1-3/8 |
| 16-16 FBZ | 16MSC16N | 1610-1-16 | 1 | 1 | 2.46 | 1.05 | 1.97 | .94 | 1-3/8 |
| 20-20 FBZ | 20MSC20N | 2010-1-20 | 1-1/4 | 1-1/4 | 3.03 | 1.52 | 2.17 | .97 | 1-3/4 |
| 24-24 FBZ | 24MSC24N | 2410-1-24 | 1-1/2 | 1-1/2 | 3.50 | 1.77 | 2.44 | 1.00 | 2-1/8 |
| 32-32 FBZ | 32MSC32N | 3210-1-32 | 2 | 2 | 4.47 | 2.47 | 3.00 | 1.04 | 2-3/4 |

NOTE: A and C dimensions are typical finger-tight.

Dimensions for reference only, subject to change.

Sizes 20, 24, 32 require additional lubrication prior to assembly.

Color Coding

For easy reference, table column headings are color indicated as follows:

fractional



metric

